## CLAIMS:

- (previously presented) A braze material for diffusion brazing of an article
  formed of a superalloy material, the braze material comprising a carrier and superalloy filler
  particles, the superalloy filler particles comprising a first portion of nano-sized particles and a
  second portion of micron-sized particles.
- 2. (withdrawn) The braze material of claim 1, further comprising the filler particles comprising a size less than 75 nanometers.
- 3. (withdrawn) The braze material of claim 1, further comprising the filler particles comprising a size less than 50 nanometers.
- 4. (withdrawn) The braze material of claim 1, further comprising the filler particles comprising a size less than 40 nanometers.
- 5. (previously presented) The braze material of claim 1, further comprising braze alloy particles having a melting point temperature below that of a bulk melting temperature of the superalloy material of the micron-sized superalloy filler particles and above that of the nano-sized superalloy filler particles.
- (previously presented) The braze material of claim 5, wherein a weight ratio of the nano-sized superalloy filler particles to the micron-sized constituents is at least 70/30.
- 7. (withdrawn) The braze material of claim 1, further comprising a coating of a melting point depressant material on a surface of individual filler particles.
- 8. (withdrawn) The braze material of claim 1, further comprising a coating of one of the group of boron and silicon on a surface of individual filler particles.

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9. (withdrawn) The braze material of claim 1, wherein the filler particles comprise a size sufficiently small so that they exhibit a melting temperature that is less than a solution temperature of the superalloy material.

Claims 10-23 (cancelled).

- 24. (new) The braze material of claim 1, wherein the nano-sized particles comprise a size range of 10-100 nm and the micron-sized particles comprise a size range of 45-100 microns.
- 25. (new) The braze material of claim 1, wherein the nano-sized particles comprise a size range such that they exhibit a melting temperature at least 50 °F. less than a melting temperature of the micron-sized particles.
- 26. (new) The braze material of claim 1 being substantially free of boron and silicon.